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GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
LANSING



C. HEIDI GREETHER  
DIRECTOR

VIA E-MAIL

TO: Governor Rick Snyder  
Members of the Michigan Legislature

FROM: C. Heidi Grether, Director *CHG*

DATE: March 26, 2018

SUBJECT: Fiscal Year 2017 Pollution Prevention Report

In accordance with Section 324.14306 of Part 143, Waste Minimization, and Section 324.14510 of Part 145, Waste Reduction Assistance, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, attached is the Department of Environmental Quality's (DEQ) annual update of pollution prevention accomplishments for fiscal year (FY) 2017.

Annual report metrics are comprised of voluntary partner reporting, grant and loan data, and unit activity. FY 2017 was the second year using a more concise reporting form, which allows for better reporting of the data. Partner annual reporting is voluntary and is not audited; for example, 128 Clean Corporate Citizen partners reported in 2017, compared to 108 in 2016. Partners are from a variety of industries, but automotive parts manufacturing is the largest industry represented. Implementation cost savings to partners was calculated using the United States Environmental Protection Agency's Pollution Prevention Cost Calculator.

If you need further information, please contact Jack Schinderle, Director, Waste Management and Radiological Protection Division, at 517-284-6852; or you may contact me at 517-284-6700.

Attachment

cc/att: Ellen Jeffries, Director, Senate Fiscal Agency  
Mary Ann Cleary, Director, House Fiscal Agency  
John Walsh, Director, State Budget Office  
Dick Posthumus, Governor's Office  
Darin Ackerman, Governor's Office  
Angela Ayers, Governor's Office  
Josh Sefton, Senate Fiscal Agency  
Austin Scott, House Fiscal Agency  
Jacques McNeely, State Budget Office  
Jennifer Harrison, State Budget Office  
Amy Epkey, Administration Deputy Director, DEQ  
Susan Leeming, External Relations Deputy Director, DEQ  
Michael McClellan, Environment Deputy Director, DEQ  
Sarah M. Howes, Legislative Liaison, DEQ  
Jack Schinderle, DEQ  
Devan Dodge, DEQ  
Chad Rogers, DEQ



Michigan Department of Environmental Quality

## Pollution Prevention and Stewardship Unit

Protecting Michigan's environment through pollution prevention (P2) is a key element in preserving Michigan's natural resources for future generations. The State of Michigan's P2 programs are administered by the Michigan Department of Environmental Quality (DEQ), in accordance with the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. This legislation entrusts the DEQ with the responsibility of:

- Educating and serving as a catalyst for change within the business community to bring about reductions in the generation of environmental wastes.
- Providing technical and financial assistance to small businesses and institutions to facilitate P2.



The DEQ's P2 programs are a conduit for non-regulatory assistance to businesses, institutions, and local communities to improve the environment and protect workers and citizens from exposure to harmful substances. This is accomplished through advancing voluntary, multi-media, environmental, social, and economic improvement using scientific, collaborative solutions to achieve a healthy and sustainable environment.

The DEQ's P2 and Stewardship Unit works with stakeholders to promote and deploy stewardship practices that go beyond compliance. This is accomplished by facilitating effective partnerships, promoting participation in voluntary recognition and financial assistance programs, and providing on-site technical assistance. Success is driven by continuous improvement acting as a catalyst for the recruitment of new members, programs, and initiatives.

P2 program diversity provides an opportunity for businesses, communities, and residents to get involved and have an impact. It is the P2 and Stewardship Unit's responsibility to facilitate discussions and activities with partners that lead to positive environmental change. Below are several of the programs and initiatives utilized to accomplish this goal.

### PROGRAMS/INITIATIVES

- Environmental Management Systems
- Grants/Loans
- Green Chemistry
- Integrated Assessments
- Neighborhood Environmental Partners
- National P2 Week
- Clean Diesel
- Voluntary Recognition Programs

### AREAS OF SPECIALTY

- Community and Corporate Adaptation/Resiliency
- Compliance/Technical Assistance
- Educating the Supply Chain
- Facilitating Discussions and Networking
- Partnering/Mentoring Opportunities
- Source Reduction
- Sustainability
- Water/Energy Conservation and Efficiency

(continued)



# Pollution Prevention and Stewardship Unit

HELPING PEOPLE THROUGH POSITIVE ENVIRONMENTAL CHANGE

## FISCAL YEAR **2017** HIGHLIGHTS

### Partner



On-site technical assistance consultations



Developed **65** new P2 resources for ongoing training



Assisted

**3,366** stakeholders

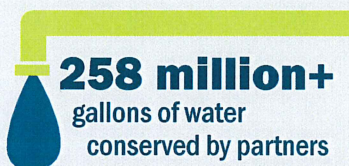


rescued through community P2 grants

### Planet



of waste diverted from landfills through partners and grants



**258 million+** gallons of water conserved by partners



**NEARLY 47 million KWH** of energy conserved by partners



of air emissions reduced through partners and clean diesel grants

### Prosper

Administered **31** grant and loan projects totaling over

**\$3.2 million**



P2 implementation saved partners in excess of **\$65 million**



DEQ's First-Ever **Twitter Chat**

**828,436** impressions made

**110,807** Twitter accounts reached

**422** tweets using #MDEQChat

**55** organizations participated



[www.michigan.gov/deqp2](http://www.michigan.gov/deqp2) | 800-662-9278

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